Research groups at the Lab and other institutions in the U.S. and Europe cooperated to create individual-based, stochastic simulation models of measures designed to contain a pandemic of avian influenza. Results will help guide selection of the optimal mix of intervention strategies. Medical interventions include vaccination and use of antiviral agents, including identified contact prophylaxis. Nonpharmaceutical interventions include travel restrictions and school closures.

Strategies for containment of avian influenza pandemic modeled